

Release notes for ENDF/B Development dec-082_Pb_194
evaluation



October 13, 2016

- **fizcon** Errors:

1. Beta spectrum integral too small
MAT=3102, MF= 8, MT=457 (1): Beta spect int (b)

```
ERROR(S) FOUND IN MAT=3102, MF= 8, MT=457
FT VALUE TOO SMALL
```

2. This message would be more descriptive if I knew what FT meant
MAT=3102, MF= 8, MT=457 (2): Illegal FT

```
ERROR(S) FOUND IN MAT=3102, MF= 8, MT=457
FT= 2.34300E+02 E= 1.43244E+06 I= 109
```

3. Beta spectrum integral too small
MAT=3102, MF= 8, MT=457 (3): Beta spect int (b)

```
ERROR(S) FOUND IN MAT=3102, MF= 8, MT=457
FT VALUE TOO SMALL
```

4. This message would be more descriptive if I knew what FT meant
MAT=3102, MF= 8, MT=457 (4): Illegal FT

```
ERROR(S) FOUND IN MAT=3102, MF= 8, MT=457
FT= 7.72202E+05 E= 2.16008E+06 I= 120
```

5. Energies released in decay not adding up!
MAT=3102, MF= 8, MT=457 (5): Bad energy sum

```
ERROR(S) FOUND IN MAT=3102, MF= 8, MT=457
PARTICLE ENERGY (AE) SUMUP FAILURE
WHOLE= 3.45704E-01 SUM= 3.38720E-01           SEQUENCE NUMBER      2
```

6. Energies released in decay not adding up!
MAT=3102, MF= 8, MT=457 (6): Bad energy sum

```
ERROR(S) FOUND IN MAT=3102, MF= 8, MT=457
ALPHA AVERAGE ENERGY SUMUP FAILURE
WHOLE= 3.38720E-01 SUM= 3.45857E-01
```